

AMENDMENTS TO THE CLAIMSListing of Claims:

1. (Previously presented) A method for the targeted transgenic expression of nucleic acid sequences in nonreproductive floral tissues of plants, comprising the following steps,

I. introducing a transgenic expression cassette into plant cells, wherein the transgenic expression cassette comprises at least the following elements

a) at least one promoter sequence selected from a promoter sequence comprising the polynucleotide of SEQ ID NO: 1; or a promoter sequence comprising a fragment of SEQ ID NO: 1, wherein said fragment targets expression of a nucleic acid sequence in nonreproductive floral tissues of plants;

and

b) at least one further nucleic acid sequence,

wherein the at least one promoter sequence and the at least one further nucleic acid sequence are functionally linked together, and the further nucleic acid sequence is heterologous in relation to the promoter sequence,

II. selecting transgenic cells which comprise said expression cassette stably integrated into the genome,

and

III. regenerating complete plants from said transgenic cells, wherein the further nucleic acid sequence is expressed in nonreproductive floral tissues.

2-13. (Cancelled).

14. (Currently amended) A transgenic expression cassette for the targeted transgenic expression of nucleic acid sequences in ~~nonreproductive~~ nonreproductive floral tissues of plants, comprising

- a) at least one promoter sequence selected from a promoter sequence comprising the polynucleotide of SEQ ID NO: 1; or a promoter sequence comprising a fragment of SEQ ID NO: 1, wherein said fragment targets expression of a nucleic acid sequence in nonreproductive floral tissues of plants;

and

- b) at least one further nucleic acid sequence,

where the at least one promoter sequence and the at least one further nucleic acid sequence are functionally linked together, and the further nucleic acid sequence is heterologous in relation to the promoter sequence, and wherein the promoter targets expression of the further nucleic acid sequence in nonreproductive floral tissues of plants.

15. (Cancelled).

16. (Previously presented) The transgenic expression cassette according to claim 14, wherein

- a) the at least one further nucleic acid sequence is functionally linked with further genetic control sequences, or
- b) the expression cassette comprises additionally functional elements, or
- c) a) and b).

17. (Previously presented) The transgenic expression cassette according to claim 14, wherein the further nucleic acid sequence

- a) encodes a protein, or
- b) transcribes a sense-RNA, anti-sense RNA or double-stranded RNA.

18. (Previously presented) The transgenic expression cassette according to claim 14, wherein the further nucleic acid sequence is selected from the group of nucleic acid sequences encoding chalcone synthases, phenylalanine ammonium lyases, photolyases, deoxyxylose-5-phosphate synthases, phytoene synthases, phytoene desaturases, lycopene cyclases, hydroxylases, "antifreeze" polypeptides, CBF1-transcription activators, glutamate dehydrogenases, calcium-dependent protein kinases, calcineurin, farnesyltransferases, ferritin, oxalate oxidases, DREB1A factor, trehalose-phosphate phosphatases, chitinases, glucanases, ribosome-inactivating protein, lysozyme, *Bacillus thuringiensis* endotoxins, amylase inhibitors, protease inhibitors, lectins, RNAses, ribozymes, endochitinase, cytochrome P-450, acetyl-CoA carboxylases, amino acid transporters, monosaccharide-transporters, lycopene cyclases, carotene ketolases, endoxylglucan transferases, Δ6-acyl lipid desaturases, Δ6-desaturases, Δ5-fatty acid desaturases, Δ6-elongases and IPP-isomerases.
19. (Previously presented) The transgenic expression cassette according to claim 14, wherein the further nucleic acid sequence is selected from the group of nucleic acid sequences described by GenBank Accession Number: M20308, BAB00748, U62549, U77378, S78423, U32624, L25042, X92657, AJ002399, D45881, AF163819, AB044391, AJ222980 and AF078796.
20. (Previously presented) A transgenic expression vector comprising the expression cassette according to claim 14.
21. (Previously presented) A transgenic bacteria, plant, cells, cell cultures, parts, tissues, organs or propagation material obtained therefrom, transformed with the expression cassette of claim 14.
22. (Cancelled)
23. (Previously presented) The transgenic plant as claimed in claim 21, wherein the plant is agricultural crop plant.
- 24-25. (Cancelled).
26. (Previously presented) The method of claim 1, wherein the transgenic expression cassette further comprises genetic control elements.

27. (Previously presented) The transgenic expression cassette of claim 14, wherein the expression cassette further comprises genetic control elements.
28. (Previously presented) A transgenic bacteria, plant, cells, cell cultures, parts, tissues, organs or propagation material obtained therefrom, transformed with the vector of claim 20.
29. (Currently amended) The method of claim 1, wherein the fragment of SEQ ID NO: 1 ~~comprises~~ comprises nucleotides 1007 to 2039 of SEQ ID NO: 1.
30. (Previously presented) The transgenic expression cassette of claim 14, wherein the fragment of SEQ ID NO: 1 comprises nucleotides 1007 to 2039 of SEQ ID NO: 1.